

5/20/2024

Subject: Plenum Rated Conduits

The National Electric Code (NEC) describes limitations regarding the use of flexible electrical conduits in Plenum Spaces. These limitations can be found in Article 300.22 of the 2023 NEC. The Electri-Flex products that are permitted by the NEC for these various Plenum Environments are described below by category.

NEC 2023 Article 300.22 Wiring in Ducts, Plenums and Other Air Handling Spaces.

(A) Ducts for Dust, Loose Stock, or Vapor Removal.

No wiring system of any type shall be installed...

(B) Ducts or Plenums Specifically Fabricated for Environmental Air.

Flexible Metal Conduit (FMC)

Electri-Flex Types BR and ABR (Max Length 4 ft.)

(C) Other Spaces Used for Environmental Air (Plenums).

Flexible Metal Conduit (FMC)

Electri-Flex Types BR and ABR

(D) Information Technology Equipment - Electrical wiring in air-handling areas beneath raised floors is permitted in accordance with Article 645.5(E)(1)(b)

Flexible Metal Conduit (FMC)

Electri-Flex Types BR and ABR

Liquidtight Flexible Metal Conduit (LFMC)

Electri-Flex Types LA, ATLA, ZHLA, CBLA, and LAFG

Liquidtight Flexible Nonmetallic Conduit (LFNC)

Electri-Flex Type LNMP, NM

Please refer to the NEC or your local building codes for more information.

Thank you,

Electri-Flex Company

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